

AMENDMENTS TO THE CLAIMS

1. - 30. (Canceled)

31. (Currently Amended) An isolated nucleic acid selected from the group consisting of ~~X~~ nucleotides ~~wherein the sequence of the nucleic acid comprises:~~

(a) ~~Y consecutive nucleotides of SEQ ID NO: 6527; and~~

(b) ~~a DNA equivalent of (a); or~~

~~(c)(b) the complement of (a), wherein the complement is identical in length to (a) or~~

~~(b),~~

~~wherein,~~

~~X=19 to 140,~~

~~Y≥19, and~~

~~X≥Y.~~

32. (Currently Amended) ~~The~~ An isolated nucleic acid of claim 31, ~~wherein the Y nucleotides comprise the sequence of~~ selected from the group consisting of:

(a) SEQ ID NO: 15; and

(b) the complement of (a), wherein the complement is identical in length to (a).

33. - 38 (Canceled)

39. (Currently Amended) A vector comprising ~~an insert, wherein an insert consists of~~ the nucleic acid of claim 31.

40. (Currently Amended) A vector comprising ~~an insert, wherein an insert consists of~~ the nucleic acid of claim ~~34~~32.

41. (Currently Amended) A probe comprising ~~an insert, wherein an insert consists of~~ the nucleic acid of claim 31.

42. (Currently Amended) A probe comprising ~~an insert, wherein an insert consists of~~ the nucleic acid of claim ~~34~~32.